

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property Organization  
International Bureau



(43) International Publication Date  
4 January 2001 (04.01.2001)

PCT

(10) International Publication Number  
**WO 01/00381 A1**

(51) International Patent Classification<sup>7</sup>: **B29C 35/08**,  
C08J 3/28, C08K 5/14 // H01B 3/30

(21) International Application Number: PCT/FI99/00570

(22) International Filing Date: 28 June 1999 (28.06.1999)

(25) Filing Language: Finnish

(26) Publication Language: English

(71) Applicant and

(72) Inventor: **HEINO, Aarne** [FI/FI]; Kallenkaarre 3, FIN-14200 Turenki (FI).

(74) Agent: **KOLSTER OY AB**; Iso Roobertinkatu 23, P.O. Box 148, FIN-00121 Helsinki (FI).

(81) Designated States (*national*): AE, AL, AM, AT, AT (utility model), AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN,

CU, CZ, CZ (utility model), DE, DE (utility model), DK, DK (utility model), EE, EE (utility model), ES, FI, FI (utility model), GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SK (utility model), SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZA, ZW.

(84) Designated States (*regional*): ARIPO patent (GH, GM, KE, LS, MW, SD, SL, SZ, UG, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG).

**Published:**

— *With international search report.*

*For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.*

(54) Title: METHOD IN CONNECTION WITH PROCESSING POLYMER OR ELASTOMER MATERIAL

(57) Abstract: The invention relates to a method in connection with processing polymer or elastomer material, wherein additive is added to the polymer or elastomer material, and the additive is subjected to the desired chemical reaction. To minimize energy consumption, infrared radiation is led to the polymer or elastomer material, the wavelength of the radiation being so chosen that the radiation penetrates optimally the polymer or elastomer material, but absorbs in the additive, producing the desired reaction in the additive.

**WO 01/00381 A1**